eration is to cover the nip point between the feed rolls

One effective guarding device, utilizing a feed table, has as a guard a solid metal plate covering the nip point for the full length of the rolls This plate, equipped with a stud welded to each end, is attached to slotted vertical brackets by means of nuts and washers, so that it is adjustable vertically The bracket can be either welded or bolted to the feed table If desirable, the horizontal member of this bracket also can be slotted to give further adjustability

The feed table may be made adjustable vertically by making the legs of pipe of different diameters to achieve a telescopic effect The larger, or base selection, should be equipped with a setscrew of sufficient size to ensure stability when adjustment has been made

Further stability is given this feed table by welding foot plates to the base section of the leg

Another method of protection, although less desirable, consists of emergency tripping bars connected to electric cutoff switches or, preferably, reverse electric switches Such emergency bars may be installed at knee level in front of the operator or directly in front of the bottom feed roll, far enough below the feed point to avoid accidental tripping

Special-purpose feeding devices for narrow stock may be easily installed, as shown in Fig 25-53

References

American Standards Institute, 1430 Broadway, New York, N Y 10016
Safety Requirements for the Construction, Care and Use of Mechanical Power Presses, B11 1

Joint Industries Conference, 2139 Wisconsin Ave , Washington, D C 10007
JIC Hydraulic Standards for Industrial

National Safety Council, 425 N Michigan Ave , Chicago, Ill 60611
Forging Safety Manual
Guards Illustrated
Industrial Data Sheets
Alligator Shears, 213
Cold Shearing Billets and Bars in the Forging Industry, 557
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Setting Up and Removing Power Press Dies, 211
Veneer Clippers, 542
Power Press Safety Manual

United Auto Workers, 8000 E Jefferson Ave , Detroit, Mich 48214 (General)

Wilson, Frank W (ed) *Die Design Handbook* New York, N Y , McGraw-Hill Book Co , 1955

——— Handbook of Fixture Design New York, N Y , McGraw-Hill Book Co , 1962